

Metro Mobility PATRIOT

Metro Mobility M1 Plus Electric Mobility Scooter User Manual

Model: PATRIOT

Brand: Metro Mobility

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Metro Mobility M1 Plus Electric Mobility Scooter. Please read this manual thoroughly before using the scooter to ensure proper handling and to maximize its lifespan.

The Metro Mobility M1 Plus is a 4-wheel electric mobility scooter designed for adults, offering a 300 lbs capacity. It features a folding design for travel convenience, a charging port, and two cup holders, making it ideal for seniors and individuals requiring mobility assistance.

2. SAFETY INFORMATION

WARNING: Always operate the scooter with caution. Failure to follow safety guidelines may result in injury or damage.

- Ensure the battery is fully charged before each use.
- Always fasten the seatbelt when operating the scooter.
- Familiarize yourself with all controls before riding.
- Use headlights and brake lights in low-light conditions for visibility.
- Avoid operating the scooter on excessively steep inclines or uneven terrain beyond its specified climbing angle (up to 8 degrees).
- Do not exceed the maximum weight capacity of 300 lbs.
- Keep hands and feet clear of moving parts.
- This product is not intended to diagnose, treat, cure, or prevent any disease or health condition.

3. PRODUCT FEATURES

- **Powerful Motor:** Equipped with a 300W motor, providing a top speed of 4.97 mph.
- **Extended Range:** 12 AH battery capacity offers a standard range of at least 10 miles per charge.
- **Comfortable Seating:** Features a thick luxury leather seat and backrest with height adjustment and adjustable padded armrests for enhanced comfort and easy access.
- **Intuitive Control Panel:** User-friendly panel with a protective layer, including forward/reverse direction control, variable speed dial, and a color-coded battery life indicator.
- **Enhanced Safety:** Includes headlights and rear brake lights for visibility, and 4 large non-flat pneumatic tires for better puncture resistance and suitability across various terrains.
- **Convenient Charging:** Integrated USB charging port for mobile devices.
- **Storage:** Includes two cup holders and a front basket.
- **Compact Design:** Folding mechanism for quick and efficient assembly and transport.

4. SETUP AND ASSEMBLY

The Metro Mobility M1 Plus scooter is designed for quick and efficient assembly, often requiring no tools. Follow these general steps:

1. **Unpack Components:** Carefully remove all parts from the packaging. You should find the main scooter body, seat with armrests, battery box, and front basket.
2. **Install Battery Box:** Place the battery box securely into its designated compartment on the scooter chassis.
3. **Attach Seat:** Mount the seat with armrests onto the scooter's seat post. Ensure it clicks securely into place.
4. **Attach Front Basket:** Secure the front basket to the tiller.
5. **Charge Battery:** Before first use, fully charge the scooter's battery. Refer to the "Charging the Battery" section for detailed instructions.

Quick and efficient assembly

Requires no tools

Basket ①

Battery box ②

Seat with armrests ③



Highly compactable

Simple travel by folding



Figure 4.1: Quick and efficient assembly showing the main components: basket, battery box, and seat with armrests.

Intuitive controls

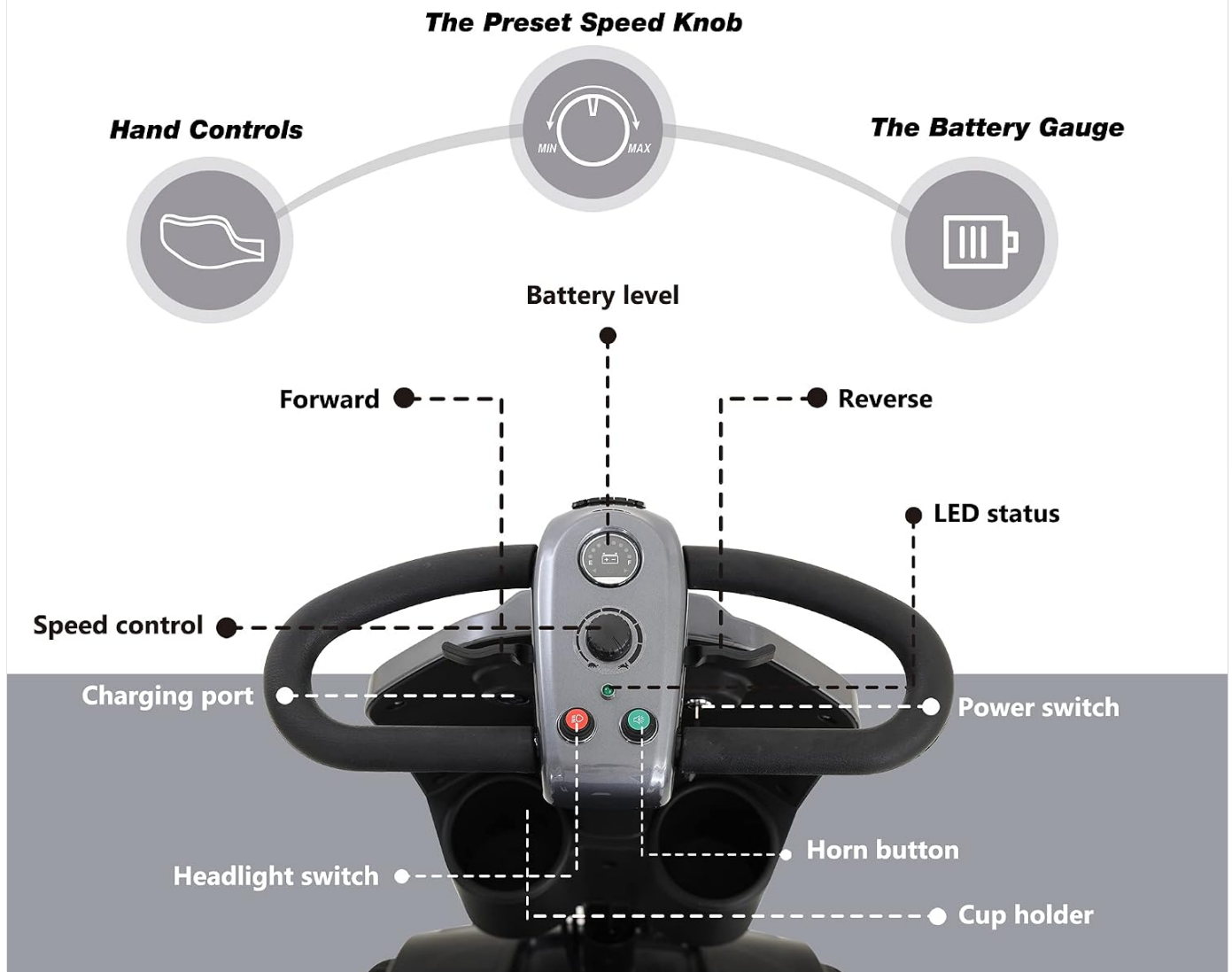


Figure 4.2: The scooter's compact design allows for easy folding and placement in a car trunk for transport.

5. OPERATING INSTRUCTIONS

To use your Metro Mobility M1 Plus Electric Mobility Scooter, follow these steps:

1. **Power On:** Insert the key into the ignition and turn it to the "ON" position. The battery indicator on the control panel will light up.
2. **Adjust Seat and Armrests:** Sit comfortably on the scooter. Adjust the seat height and armrest positions as needed for optimal comfort and support. The armrests can be adjusted forward or backward.
3. **Familiarize with Controls:** The tiller console features the main controls.
 - **Speed Dial:** Use the variable speed dial to set your desired speed.
 - **Directional Controls:** Push the lever forward for forward motion and pull it backward for reverse.
 - **Headlight Switch:** Activate the headlights for improved visibility, especially in low-light conditions.
 - **Horn Button:** Press to sound the horn.
4. **Start Driving:** Gently engage the directional control lever to begin moving. Start at a low speed until you are comfortable

with the scooter's response.

5. **Braking:** Release the directional control lever to engage the automatic braking mechanism. The scooter will come to a smooth stop.
6. **Charging Devices:** Utilize the integrated USB charging port to charge your mobile devices while on the go.



Speed up to
4.9mph



265lbs
Weight capacity



Range
10 Miles



Climbing
8°



36.6 inches

Tilt adjustable

Height adjustable

4.7 inches

44 inches

Easily adjustable

for your comfort and control



Armrests width adjustable



Armrest expandable

Figure 5.1: Intuitive control panel with speed dial, battery gauge, and other essential controls.

Your browser does not support the video tag.

Video 5.1: Official product video demonstrating the features and operation of the Metro Mobility M1 Plus scooter, including its powerful motor, aluminum wheels with pneumatic tires for rugged terrain, intuitive controls, USB charger, cup holders, adjustable seat, and front/rear lights for safety.

Automatic braking mechanism



Figure 5.2: The automatic braking mechanism and friction-induced wheels ensure stability and prevent slipping on inclines.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your mobility scooter.

- **Battery Care:**

- Always fully charge the battery after each use, even if only used for a short period.
- Avoid completely draining the battery, as this can reduce its lifespan.
- Store the scooter with a fully charged battery if not in use for an extended period, and recharge it monthly.
- The scooter requires two 12V batteries.

- **Tire Pressure:** Regularly check the pressure of the pneumatic tires and inflate them to the recommended PSI (refer to tire sidewall for details) to ensure smooth operation and prevent premature wear.
- **Cleaning:** Clean the scooter regularly with a damp cloth. Avoid using harsh chemicals or abrasive cleaners. Do not spray water directly onto electrical components.

- **Inspections:** Periodically check all nuts, bolts, and fasteners to ensure they are tight. Inspect the wiring for any signs of wear or damage.
- **Bulb Replacement:** The scooter uses 24-volt bulbs for its lighting system. Replace them as needed with bulbs of the correct voltage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your mobility scooter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is not charged or not properly connected. Key is not in "ON" position.	Ensure battery is fully charged and securely connected. Turn the key to the "ON" position.
Scooter moves slowly or lacks power.	Low battery charge. Speed dial set too low. Overload.	Recharge the battery. Adjust the speed dial to a higher setting. Ensure weight capacity is not exceeded.
Lights or horn not working.	Bulb failure. Loose connection.	Check bulb for damage and replace if necessary (24V bulbs). Inspect wiring connections.
Unusual noises during operation.	Loose components. Obstruction.	Inspect the scooter for any loose parts or obstructions. Tighten any loose fasteners.

8. SPECIFICATIONS

Feature	Detail
Model Number	PATRIOT
Product Dimensions	45.27 x 21.06 x 37.4 inches
Item Weight	104 Pounds
Motor Power	300W
Top Speed	Up to 4.97 mph
Battery Capacity	12 AH (2 x 12V batteries included)
Standard Range	At least 10 miles per charge
Climbing Angle	Up to 8 degrees
Weight Capacity	300 lbs
Material	Leather (seat)
Color	Metallic Grey

Feature	Detail
Bulb Voltage	24 volts

SPECIFICATIONS



Speed up to
4.9mph



300lbs
Weight capacity



Range
10 Miles



Climbing
8°

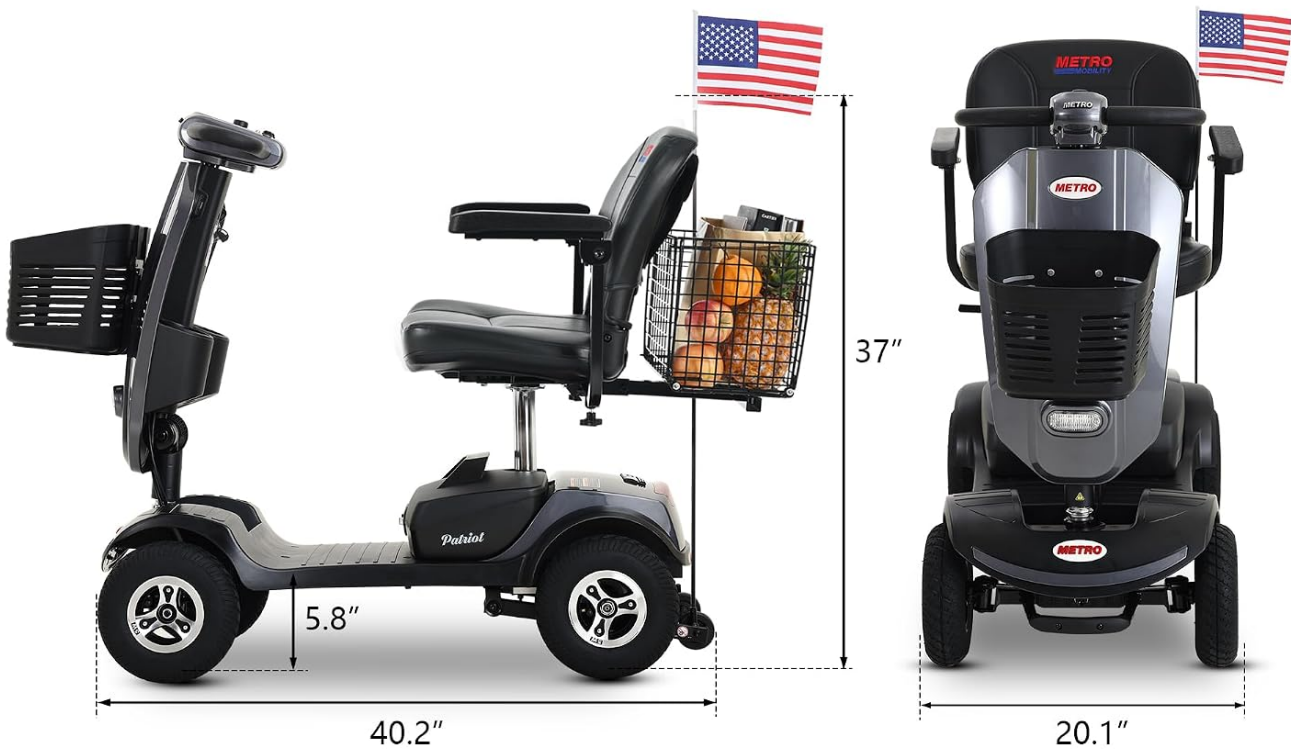


Figure 8.1: Visual representation of key specifications including speed, weight capacity, range, climbing angle, and overall dimensions.

Long lasting travel distance per charge

Enjoy worry free trips of up to 16 Miles

Standard Range **10 Miles**



Figure 8.2: The scooter offers a standard travel range of 10 miles per charge, suitable for various daily activities.

9. WARRANTY AND SUPPORT

Metro Mobility USA LLC provides a **5-year limited guarantee** for your mobility scooter. We are committed to ensuring our customers' satisfaction and offer professional after-sales service.

If you encounter any problems with your scooter or have questions, please do not hesitate to contact Metro Mobility USA LLC customer support. Contact information can typically be found on the product packaging or the official Metro Mobility website. For additional resources, you may refer to the official Metro Mobility store on Amazon: [Metro Mobility Store](#).

© 2025 Metro Mobility USA LLC. All rights reserved.
This manual is subject to change without notice.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question